

filed 11/3/2003

Sheet 1 of 2

FORM PTO-1449
(R v. 2-82)

U.S. DEPART. OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.
224.303

SERIAL NO. 10/700,296

APPLICANT
Donald D. R itz

FILING DATE
Concurrently Herewith

GROUP 3672

U.S. PATENT DOCUMENTS

EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
✓	1 8 5 3 2 6 9	04/12/32	Harris			
	2 0 1 6 4 3 3	10/08/35	Humason			
	2 1 4 2 7 7 3	01/03/39	Athey			
	2 6 9 8 5 8 1	01/04/55	Maier			
	3 0 9 0 3 1 6	05/21/63	Montgomery			
	3 8 8 4 2 9 9	05/20/75	McCarter et al.			
	3 8 9 4 5 8 3	07/15/75	Morgan			
	3 9 4 1 5 1 0	03/02/76	Morgan			
	3 9 9 1 8 2 5	11/16/76	Morgan			
	4 5 0 2 8 4 3	03/05/85	Martin			
	4 5 0 9 5 9 9	04/09/85	Chenoweth et al.			
	4 5 2 7 6 3 3	07/09/85	McLaughlin et al.			
	4 6 5 3 9 8 9	03/31/87	Mason			
	4 7 0 8 5 9 5	11/24/87	Maloney et al.			
	4 7 1 1 3 0 6	12/08/87	Bobo			
	4 7 4 1 6 7 3	05/03/88	Jubb			
	4 7 6 8 5 9 5	09/06/88	Smith			
	4 8 4 4 1 5 6	07/04/89	Heshberger			
	4 9 2 3 3 7 2	05/08/90	Ferguson et al.			
	5 0 0 6 0 4 6	04/09/91	Buckman et al.			
	5 0 6 9 2 8 5	12/03/91	Nuckols			
	5 2 1 1 2 4 2	05/18/93	Coleman et al.			
	5 3 7 4 1 6 3	12/20/94	Jaikaran			
	5 4 0 7 0 1 0	04/18/95	Hers			
	5 4 1 7 2 8 1	05/23/95	Wood et al.			
	5 4 3 1 2 2 2	07/11/95	Bustamante			
	5 4 8 8 9 9 3	02/06/96	Hershberger			
	5 5 2 2 4 6 3	06/04/96	Barbee			

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INFORMATION DISCLOSURE
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Donald D. Reitz

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	5	5	4	4	7	0	6	08/13/96	Reed		
	5	6	1	1	3	9	7	03/18/97	Wood		
	5	6	1	1	6	7	1	03/18/97	Tripp, Jr.		
	5	6	5	5	6	0	5	08/12/97	Matthews		
	5	6	7	1	8	1	3	09/30/97	Lima		
	5	9	1	1	2	7	8	06/15/99	Reitz		

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
												YES	NO
	5	7	0	6	9	7		08/77	Russia				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Kermit Brown, <i>The Technology of Artificial Life Methods</i> , Vol 2, pp. 125-131, 1977.
		E.E. DeMoss, <i>4 New Ways to Reduce Artificial Lift Expense</i> , World Oil, pp. 63 and 64, May 1973
		H.W. Winkler et al., <i>Down-Hole Chambers Increase Gas-Lift Efficiency</i> , The Petroleum Engineer, part 1 - June 1956; part 2 - Aug. 1956
		H.W. Winkler et al., <i>Chamber Design</i> , CAMCO Gas Lift Manual, Chapter VII, pp. 7-001 - 7-015, 1962
		John T. Dewan, et al., <i>Lifting of Heavy Oil with Inert-Gas-Operated Chamber Pumps</i> , SPE 9913, pp. 277-285 plus illustrations.
		Steve B. Coleman et al., <i>A New Look at Predicting Gas-Well Load-Up</i> , JPT, March, 1991
		Steve B. Coleman et al., <i>Understanding Gas-Well, Load-Up Behavior</i> , JPT, March, 1991
		E.E. DeMoss et al., <i>Liquid Removal from Gas Wells - Gas Lifting with Reservoir Gas</i> , April 1968

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant